

[BACK LIGHT MODULE AND LIQUID CRYSTAL DISPLAY]

Abstract

A back light module for providing a full-color surface light source. The back light module comprises a surface light source, a light-shielding matrix and a fluorescent layer. The light-shielding matrix is formed on the surface of the surface light source. The light-shielding layer has a plurality of lattice points that exposes the surface of the surface light source. The fluorescent layer is formed inside the lattice points. Through the fluorescent layer, light emitted from the surface light source is able to produce full coloration. A liquid crystal display comprises the back light module and a liquid crystal display panel. The liquid crystal display panel comprises an array substrate, an opposite substrate and a liquid crystal layer. The opposite substrate is positioned over the array substrate and the liquid crystal layer is sandwiched between the array substrate and the opposite substrate. The liquid crystal display panel is set up over the back light module.